

9/13/03  
#15 Amended  
ADocket No.: 21919-00013-US  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
Dennis C. Clemes, et al.

Conf. No. 6320

Application No.: 09/848,255

Art Unit: 1772

Filed: May 4, 2001

Examiner: C. Bruenjes

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For: SULPHUR DIOXIDE GENERATOR**AMENDMENT SUBMITTED WITH REQUEST FOR CONTINUED EXAMINATION  
UNDER 37 C.F.R. SECTION 1.114**Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 2, 2003 (Tuesday)

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Final Office Action dated May 1, 2003 (Paper No. 6), finally rejecting Claim 1, the period for response having been extended by one (1) month until September 2, 2003, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** begin on page 2 of this paper; and**Arguments/Remarks** begin on page 5 of this paper.

PTO/SB/97 (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**Certificate of Transmission Under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile transmitted to the United States  
Patent and Trademark Office

on September 2, 2003  
Date

Larry J. Hume  
Signature

Larry J. Hume  
Typed or printed name of person signing Certificate

**OFFICIAL**

Note: Each paper must have its own certificate of transmission, or this certificate  
must identify each submitted paper.

Fcc Transmittal (1 page);

Amendment Transmittal Letter (1 page);

Petition for one (1) month Extension of Time (1 page);

RCE Transmittal (1 page); and

Amendment (8 pages).

Charge CBLH Deposit Account No. 22-0185 \$860.00

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<b>FEE TRANSMITTAL for FY 2003</b>		<b>Complete if Known</b>	
<small>Effective 01/01/2003, Patent fees are subject to annual revision.</small>		Application Number	09/848,255-Conf. #8320
		Filing Date	May 4, 2001
		First Named Inventor	Dennis C. Clernes
		Examiner Name	C. Bruenjes
		Art Unit	1772
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	21919-00013-US
<b>TOTAL AMOUNT OF PAYMENT (\$)</b> 860.00			

  

<b>METHOD OF PAYMENT (check all that apply)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																			
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <b>22-0185</b> Deposit Account Name: <b>Connolly Bove Lodge &amp; Hutz LLP</b> The Director is hereby authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		<b>3. ADDITIONAL FEES</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>820*</td><td>1804</td><td>820*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td>110.00</td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,610</td><td>1451</td><td>1,610</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1808</td><td>180</td><td>1808</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td>750.00</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - 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**FAX TRANSMISSION****DATE:** September 2, 2003**PTO IDENTIFIER:** Application Number 09/848,255  
Patent Number**Inventor:** Dennis C. Clemcs, et al**MESSAGE TO:** Examiner C. Bruenjes (AU 1772)**FAX NUMBER:** (703) 872-9311**FROM:** CONNOLLY BOVE LODGE & HUTZ LLPLarry J. Hume *LJH***PHONE:** (202) 331-7111**Attorney Dkt. #:** 21919-00013-US**RECEIVED**  
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**Charge CBLH Deposit Account No. 22-0185 \$860.00**

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**CONNOLLY BOVE LODGE & HUTZ LLP**  
1990 M Street, N.W., Suite 800, Washington, DC 20036-3425  
T lephone: (202) 331-7111 Facsimile: (202) 293-6229

**OFFICIAL**

#15 9/13/03  
(RCE)

PTO/SB/30 (05-03)

Approved for use through 04/30/2003. OMB 0851-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>Request For Continued Examination (RCE) Transmittal</b>  Address to: MS RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	<b>Application Number</b>	09/848,255-Conf. #6320
	<b>Filing Date</b>	May 4, 2001
	<b>First Named Inventor</b>	Dennis C. Clemes
	<b>Art Unit</b>	1772
	<b>Examiner Name</b>	C. Bruenjes
	<b>Attorney Docket No.</b>	21919-00013-US

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.  
 Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).
- a. ☒ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on \_\_\_\_\_
- ii. ☐ Other \_\_\_\_\_
- b. ☒ Enclosed
- i. ☒ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☐ Information Disclosure Statement (IDS)
- iv. ☐ Other \_\_\_\_\_
2. **Miscellaneous**
- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of \_\_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- b. ☐ Other \_\_\_\_\_
3. **Fees** The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 22-0185
- i. ☒ RCE fee required under 37 CFR 1.17(e)
- ii. ☒ Extension of time fee (37 CFR 1.136 and 1.17)
- iii. ☐ Other \_\_\_\_\_
- b. ☐ Check in the amount of \$ \_\_\_\_\_ enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED			
Name (Print/Type)	Larry J. Hume	Registration No. (Attorney/Agent)	44,163
Signature	<i>Larry J. Hume</i>	Date	September 2, 2003

09/17/2003 CSIAS1 00000005 220185 09848255

02 FC:1801 750.00 DA

#15/ROT  
(1m)

PTO/SB/22 (06-03)

Approved for use through 7/31/2003. OMB 0851-0031

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<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b>		<b>Docket No. (Optional)</b> 21919-00013-US	
In re Application of Dennis C. Clemes, et al.			
Application Number 09/848,255-Conf. #6320		Filed May 4, 2001	
For: SULPHUR DIOXIDE GENERATOR			
Art Unit 1772		Examiner C. Bruenjes	

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$ 110.00
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$

☐ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is: \$

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director has already been authorized to charge fees in this application to a Deposit Account.

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 22-0185

I have enclosed a duplicate copy of this sheet.

I am the ☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒ attorney or agent of record. Registration Number 44,163

☐ attorney or agent under 37 CFR 1.34(a).  
Registration number if acting under 37 CFR 1.34(a)

September 2, 2003  
Date

(202) 331-7111  
Telephone Number

*Larry J. Hume*  
Signature

Larry J. Hume  
Typed or printed name

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<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. 21919-00013-US	
Application No. 09/848,255-Conf. #6320		Filing Date May 4, 2001		Examiner C. Bruenjes	
				Art Unit 1772	

Applicant(s): Dennis C. Clemes, et al.

Invention: SULPHUR DIOXIDE GENERATOR

**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.  
The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	8	- 20 =		x	0.00
Independent Claims	2	- 3 =		x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): One month extension of time (large entity)					110.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>110.00</b>

☒ Large Entity ☐ Small Entity

☐ No additional fee is required for this amendment.

☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.

☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized to charge and credit Deposit Account No. 22-0185  
as described below. A duplicate copy of this sheet is enclosed.

☒ Credit any overpayment.

☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Dated: September 2, 2003

Larry J. Huma  
Larry J. Huma  
Attorney Reg. No.: 44,163

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